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Weekly Coal Production

Production for Week Ended:
December 22, 1990



Export/Import
Supplement

Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

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Summary

U.S. coal production in the week ended December 22, 1990, as estimated by the Energy Information Administration, totaled 18 million short tons. This was 14 percent less than production in the previous week, but 16 percent more than in the comparable week in 1989. Production east of the Mississippi River totaled 12 million short tons, and production west of the Mississippi River totaled 7 million short tons.

U.S. coal exports in October 1990 totaled nearly 9 million short tons, raising the total amount of coal exported during the first 10 months of 1990 to 88 million short tons. This was 5 million short tons higher than the amount exported during the comparable period of 1989, reflecting increased steam coal exports to Europe and Canada. Coal export prices during the period remained essentially unchanged, compared with the same period of 1989. Coal exports for the first 10 months of 1990 were valued at nearly \$3.8 billion. About one-half of the exported coal was shipped from the Norfolk, Virginia, Customs District, which has handled 10 percent more export coal in 1990 compared to a year earlier.

Steam coal exports during the first 10 months of 1990 rose nearly 7 million short tons (24 percent) above their level in the comparable period of 1989. Canada, the principal destination for U.S. steam coal exports, received 1 million short tons more coal than in 1989. This higher level reflects a stock build-up by Ontario

Hydro to meet anticipated higher electricity demand, additional coal-fired generation due to maintenance outages at Ontario Hydro's nuclear power plants, and purchases of low-sulfur coal from the western United States for test burns. Exports of steam coal to Europe rose nearly 5 million short tons above the same period of 1989. Belgium and Luxembourg, the Netherlands, France, and the United Kingdom accounted for nearly three-fourths of the increase. Exports of steam coal to Taiwan, the leading Asian destination, were up nearly 19 percent.

Metallurgical coal exports dropped 3 percent during the first 10 months of 1990. Japan continued to be the leading destination, but imported 1 million short tons less compared with the same period in 1989, as Australian and Canadian coal replaced U.S. coal in the Japanese steel market. Exports of metallurgical coal to Canada dropped nearly 2 million short tons over the period, due to a decline in Canadian steel production. Europe, however, imported 2 million short tons more over this period, led by higher metallurgical coal demand in the Netherlands, Turkey, and Romania.

During the first 10 months of 1990, 2.2 million short tons of coal were imported into the United States, slightly below the level a year earlier. Colombia continued to be the leading source of the imported coal, representing about one-half of the total.

Figure 1. Coal Production

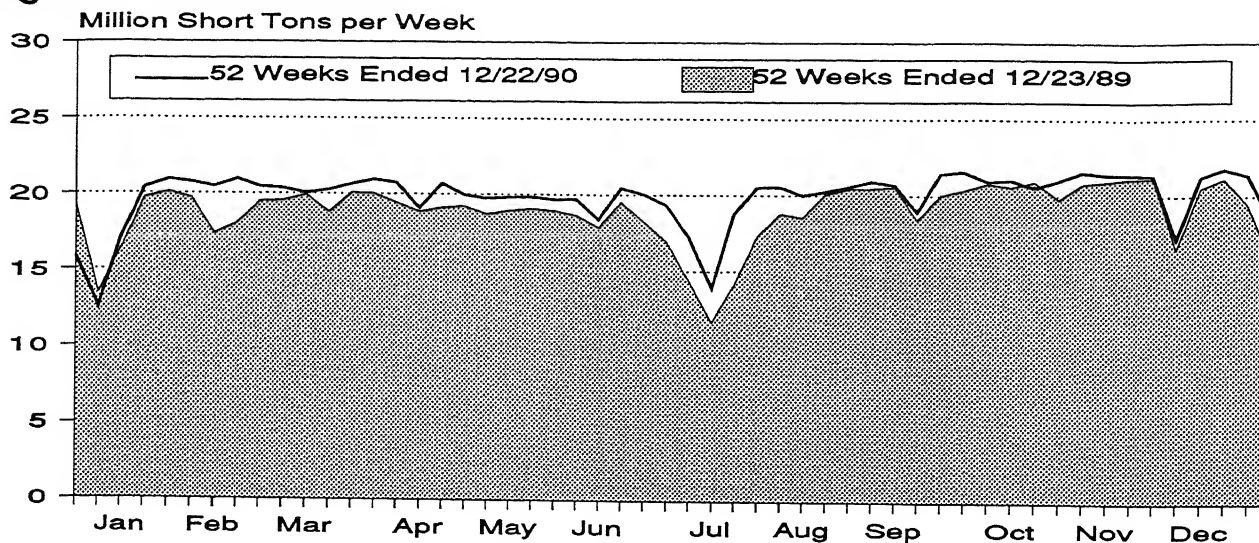


Table 1. Coal Production

	Week Ended			52 Weeks Ended		
Production and Carloadings	12/22/90	12/15/90	12/23/89	12/22/90	12/23/89	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	18,335	21,332	15,803	1,035,500	978,322	5.8
Pennsylvania Anthracite	44	49	57	3,305	3,357	-1.5
U.S. Total	18,379	21,381	15,859	1,038,805	981,678	5.8
Railroad Cars Loaded	117,555	136,096	102,072	6,692,150	6,368,574	

¹Includes subbituminous coal.

Notes: 1990 data are preliminary. Totals may not equal sum of components due to independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	12/22/90	12/15/90	12/23/89
Bituminous Coal¹ and Lignite			
East of the Mississippi	11,833	12,573	9,703
Alabama	545	603	503
Illinois	1,214	1,276	935
Indiana	677	723	592
Kentucky	3,295	3,470	2,656
Kentucky, Eastern	2,469	2,571	2,006
Kentucky, Western	825	899	649
Maryland	60	62	51
Ohio	664	707	567
Pennsylvania Bituminous	1,128	1,231	1,075
Tennessee	138	148	119
Virginia	858	921	666
West Virginia	3,254	3,431	2,541
West of the Mississippi	6,502	8,759	6,100
Alaska	27	31	33
Arizona	226	262	187
Arkansas	1	2	2
Colorado	345	491	412
Iowa	7	8	6
Kansas	22	25	19
Louisiana	35	70	50
Missouri	53	62	58
Montana	577	801	570
New Mexico	356	472	391
North Dakota	475	660	425
Oklahoma	34	40	31
Texas	1,028	1,194	833
Utah	409	544	453
Washington	93	107	82
Wyoming	2,816	3,991	2,547
Bituminous¹ and Lignite Total	18,335	21,332	15,803
Pennsylvania Anthracite	44	40	57
U.S. Total	18,379		

Table 3. Coal Exports and Imports, 1981-1990
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam ¹		Total		Quantity	Average Price
	Quantity	Average Price ²	Quantity	Average Price ²	Quantity	Average Price ²		
1981	65,234	\$57.40	47,307	\$45.92	112,541	\$52.57	1,043	\$28.47
1982	64,585	61.07	41,692	49.11	106,277	56.37	742	30.40
1983	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984	56,975	52.41	24,508	46.77	81,483	50.72	1,286	35.37
1985	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987	51,679	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988								
January	3,449	43.00	984	37.58	4,434	41.80	159	28.57
February	3,458	42.81	1,024	41.16	4,482	42.43	162	27.41
March	5,119	42.95	2,026	39.44	7,145	41.96	221	30.34
April	5,901	43.67	3,042	40.04	8,943	42.44	107	27.24
May	4,953	44.98	2,952	39.35	7,905	42.88	224	43.49
June	4,980	44.82	3,073	38.92	8,053	42.57	257	27.96
July	5,445	44.73	2,858	37.22	8,303	42.15	203	25.34
August	5,389	44.94	3,933	37.42	9,322	41.77	205	27.13
September	6,518	44.34	3,547	36.74	10,066	41.66	29	34.35
October	5,621	44.06	3,389	39.08	9,010	42.19	229	25.55
November	5,563	44.70	2,775	38.47	8,338	42.63	207	31.80
December	5,555	44.17	3,469	39.39	9,023	42.33	131	32.63
Total	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29.96
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14
February	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
June	5,598	45.82	4,059	38.14	9,657	42.59	218	39.04
July	3,881	45.77	2,328	37.95	6,209	42.84	375	36.65
August	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September	5,754	45.94	3,907	37.31	9,661	42.45	303	33.64
October	5,922	45.50	3,371	37.97	9,293	42.77	160	33.20
November	6,026	45.81	3,743	38.05	9,768	42.84	245	31.54
December	4,710	45.65	3,179	37.66	7,888	42.43	303	35.09
Total	65,128	45.19	35,687	37.64	100,815	42.52	2,851	34.14
1990								
January	4,901	45.72	2,547	37.29	7,447	42.84	175	33.01
February	4,381	45.92	1,862	36.36	6,243	43.07	268	35.91
March	6,254	45.78	2,439	38.36	8,693	43.70	292	35.54
April	4,754	45.95	3,836	38.60	8,590	42.67	182	31.45
May	5,643	46.81	4,184	36.50	9,827	42.42	144	34.08
June	5,699	46.35	3,616	36.35	9,316	42.47	348	34.65
July	5,495	46.82	3,698	35.69	9,194	42.34	200	29.58
August	5,598	46.59	4,467	37.57	10,065	42.59	120	35.72
September	5,567	46.70	4,671	35.89	10,238	41.76	194	32.31
October	4,471	47.06	4,286	36.41	8,756	41.85	284	41.32
1990 Year to Date	52,764	46.37	35,605	36.85	88,369	42.53	2,207	34.74
1989 Year to Date	54,393	45.09	28,765	37.59	83,158	42.49	2,303	34.29

¹Includes bituminous, subbituminous, lignite, and anthracite.

²Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 4. Coal Exports, October 1990
(Short Tons)

Continent and Country of Destination	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	1,846,019	1,826,438	2,020,040	13,365,138	13,893,864	-3.8
Canada ¹	1,811,909	1,767,566	2,013,121	13,066,889	13,747,190	-4.9
Jamaica	-	-	-	34,127	36,571	-6.7
Mexico	34,110	38,027	6,919	199,310	62,364	219.6
Other ²	-	20,845	-	64,812	47,739	35.8
South America Total	531,636	733,475	544,845	5,627,240	6,009,835	-6.4
Argentina	-	175,405	36,332	501,882	611,096	-17.9
Brazil	493,441	521,991	375,442	4,738,312	4,595,955	3.1
Chile	38,195	35,960	133,071	356,427	790,749	-54.9
Other ²	-	119	-	30,619	12,035	154.4
Europe Total	4,777,901	5,205,141	4,639,458	49,246,938	42,224,254	16.6
Albania	34,097	23,553	-	150,550	95,007	58.5
Belgium & Luxembourg	536,104	767,225	791,222	7,239,912	5,783,907	25.2
Bulgaria	-	-	-	87,955	-	-
Denmark	400,712	269,938	340,264	2,739,145	2,685,798	2.0
Finland	-	-	1,462	95,259	103,678	-8.1
France	306,222	390,778	493,707	6,008,562	5,250,885	14.4
Greece	-	-	70,863	579	213,420	-99.7
Ireland	92,462	156,622	155,755	1,181,404	931,551	26.8
Italy	1,294,951	816,272	749,049	9,979,268	9,357,449	6.6
Netherlands	725,802	999,727	488,917	6,788,561	4,926,966	37.8
Norway	26,284	9,943	10,675	159,454	113,896	40.0
Portugal	113,227	154,111	210,286	1,475,340	1,167,174	26.4
Romania	62,755	206,716	193,475	1,584,446	1,039,278	52.5
Spain	265,281	231,374	198,059	3,049,842	2,689,599	13.4
Sweden	259,983	106,445	150,056	783,811	650,629	20.5
Turkey	-	290,534	66,614	1,833,567	1,246,619	47.1
United Kingdom	559,772	521,796	400,833	4,369,414	3,839,068	13.8
West Germany	58,087	183,342	786	954,851	665,135	43.6
Yugoslavia	36,607	76,765	306,837	725,959	1,404,904	-48.3
Other ²	5,555	-	10,598	39,059	59,291	-34.1
Asia Total	1,562,127	2,284,267	1,840,310	18,507,916	19,062,506	-2.9
China (Taiwan)	195,673	568,247	387,009	3,897,224	3,475,244	12.1
Israel	-	134,183	-	638,996	487,298	31.1
Japan	1,233,022	1,122,057	1,191,181	10,767,846	11,825,753	-8.9
Korea, Republic of	133,175	436,494	261,682	3,058,969	3,206,414	-4.6
Pakistan	-	-	-	-	60,451	-
Other ²	257	23,286	438	144,881	7,346	NM
Oceania & Australia Total	160	137	483	1,997	483	313.5
Africa Total	38,640	188,963	247,402	1,620,162	1,967,043	-17.6
Algeria	-	60,555	179,027	307,465	739,818	-58.4
Egypt	-	50,177	-	544,801	483,011	12.8
Other ²	38,640	78,231	68,375	767,896	744,214	3.2
Total	8,756,483	10,238,421	9,292,538	88,369,391	83,157,985	6.3

^{NM}Percent change calculation not meaningful as value is greater than 500.

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 5. Average Price of Coal Exports, October 1990
(Dollars per Short Ton)

Continent and Country of Destination	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	\$31.14	\$31.66	\$42.66	\$32.74	\$42.27	-22.5
Canada ¹	30.94	31.55	42.67	32.66	42.33	-22.8
Jamaica	-	-	-	30.57	30.57	*
Mexico	40.89	33.76	40.63	37.18	41.88	-11.2
Other ²	-	36.36	-	36.44	35.78	1.8
South America Total	46.49	47.45	43.13	46.00	43.80	5.0
Argentina	-	47.86	44.60	45.54	44.58	2.1
Brazil	47.26	48.06	46.36	46.74	45.56	2.6
Chile	36.60	36.60	33.61	36.87	31.06	18.7
Other ²	-	34.35	-	35.86	39.61	-9.5
Europe Total	43.73	43.50	42.77	43.77	42.42	3.2
Albania	-	-	-	48.38	43.68	10.8
Belgium & Luxembourg	45.32	46.18	43.16	44.93	43.50	3.3
Bulgaria	-	-	-	49.24	-	-
Denmark	34.67	36.13	34.77	34.53	33.06	4.5
Finland	-	-	45.36	44.72	42.45	5.4
France	44.50	40.66	43.95	42.40	41.67	1.8
Greece	-	-	36.29	39.99	36.29	10.2
Ireland	36.29	40.96	33.61	38.41	37.76	1.7
Italy	44.72	43.85	44.35	44.64	43.68	2.2
Netherlands	43.65	41.99	40.30	42.89	40.46	6.0
Norway	-	-	34.94	-	39.88	-
Portugal	39.41	40.35	40.94	40.93	40.60	.8
Romania	-	45.75	42.35	47.74	45.20	5.6
Spain	45.36	45.77	47.91	46.49	46.03	1.0
Sweden	48.22	46.28	46.49	48.21	44.55	8.2
Turkey	-	45.78	43.09	45.86	43.29	5.9
United Kingdom	46.51	45.62	47.00	47.23	45.26	4.3
West Germany	38.97	42.45	37.54	40.64	42.33	-4.0
Yugoslavia	44.32	48.26	45.69	45.87	44.28	3.6
Other ²	40.91	-	-	39.99	42.88	-6.7
Asia Total	44.19	42.64	42.97	43.18	42.09	2.6
China (Taiwan)	42.18	36.59	37.86	38.35	37.13	3.3
Israel	-	42.51	-	39.42	39.17	.6
Japan	44.68	43.90	44.34	44.36	42.96	3.3
Korea, Republic of	42.60	47.33	44.29	46.17	44.72	3.3
Other ²	37.79	37.53	40.14	38.91	37.27	4.4
Oceania & Australia Total	40.00	40.85	34.98	36.39	34.98	4.0
Africa Total	35.93	41.36	42.83	38.43	40.28	-4.6
Algeria	-	48.22	47.24	46.91	46.02	1.9
Egypt	-	46.45	-	45.81	45.63	.4
Other ²	35.93	32.79	31.27	31.41	31.09	1.1
Total	41.32	41.51	42.81	42.05	42.37	-.7
U.S. Total³	41.85	41.76	42.77	42.53	42.49	.1

*Rounded to zero.

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1989.

³Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 6. Steam Coal Exports, October 1990
(Short Tons)

Continent and Country of Destination	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	1,534,271	1,431,529	1,131,048	9,592,868	8,188,676	17.1
Canada ¹	1,500,161	1,372,657	1,124,129	9,294,834	8,060,878	15.3
Jamaica	-	-	-	34,127	36,571	-6.7
Mexico	34,110	38,027	6,919	199,310	62,364	219.6
Other ²	-	20,845	-	64,597	28,863	123.8
South America Total	38,195	36,079	104,347	426,693	780,124	-45.3
Argentina	-	-	-	-	337	-
Brazil	-	-	-	94,281	5,727	NM
Chile	38,195	35,960	104,347	301,793	762,025	-60.4
Other ²	-	119	-	30,619	12,035	154.4
Europe Total	2,168,251	2,085,393	1,445,009	18,231,643	13,407,649	36.0
Belgium & Luxembourg	52,250	224,637	110,500	2,028,870	742,020	173.4
Bulgaria	-	-	-	39,065	-	-
Denmark	400,712	269,938	340,264	2,683,573	2,557,462	4.9
Finland	-	-	1,462	-	1,555	-
France	77,947	77,655	89,634	1,917,645	1,354,681	41.6
Greece	-	-	70,863	579	213,420	-99.7
Ireland	92,462	156,622	155,755	1,181,404	762,327	55.0
Italy	680,426	352,718	311,709	4,029,655	3,620,785	11.3
Netherlands	463,218	601,132	214,741	3,532,597	2,358,334	49.8
Norway	6,830	-	6,528	61,671	38,803	58.9
Portugal	113,227	154,111	128,560	1,217,694	814,375	49.5
Romania	-	-	-	-	3,293	-
Spain	17,006	69,336	8,756	245,066	134,924	81.6
Sweden	-	23,150	-	23,150	204,028	-88.7
Turkey	-	-	-	16,643	203	NM
United Kingdom	209,100	81,491	132	868,964	300,805	188.9
West Germany	49,518	74,603	786	355,817	227,004	56.7
Yugoslavia	-	-	-	12,995	32,670	-60.2
Other ²	5,555	-	5,319	16,255	40,960	-60.3
Asia Total	506,138	1,039,639	649,794	6,639,024	5,672,645	17.0
China (Taiwan)	123,507	568,247	387,009	3,503,688	2,954,294	18.6
Israel	-	79,395	-	584,208	338,481	72.6
Japan	297,692	315,060	188,341	1,787,731	1,843,058	-3.0
Korea, Republic of	84,682	76,388	74,006	641,253	529,466	21.1
Other ²	257	549	438	122,144	7,346	NM

Table 7. Average Price of Steam Coal Exports, October 1990
(Dollars per Short Ton)

Continent and Country of Destination	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	\$29.79	\$29.71	\$39.63	\$30.68	\$39.50	-22.3
Canada ¹	29.52	29.49	39.62	30.50	39.54	-22.9
Jamaica	-	-	-	30.57	30.57	*
Mexico	40.89	33.76	40.63	37.18	41.88	-11.2
Other ²	-	36.36	-	36.40	35.39	2.8
South America Total	36.60	36.60	29.42	37.17	30.29	22.7
Argentina	-	-	-	-	34.99	-
Brazil	-	-	-	42.44	-	-
Chile	36.60	36.60	29.42	35.83	30.26	18.4
Other ²	-	34.35	-	35.86	39.61	-9.5
Europe Total	39.60	38.24	36.29	38.48	36.66	5.0
Belgium & Luxembourg	35.68	39.59	34.57	37.61	33.27	13.1
Bulgaria	-	-	-	48.99	-	-
Denmark	34.67	36.13	34.77	34.53	32.96	4.8
Finland	-	-	45.36	-	45.02	-
France	34.48	31.46	38.65	37.07	34.82	6.5
Greece	-	-	36.29	39.99	36.29	10.2
Ireland	36.29	40.96	33.61	38.41	38.12	.8
Italy	41.49	40.27	38.83	40.68	39.86	2.0
Netherlands	41.59	38.92	34.15	39.15	36.22	8.1
Norway	-	-	34.94	-	39.88	-
Portugal	39.41	40.35	39.87	39.90	39.44	1.2
Romania	-	-	-	-	38.78	-
Spain	45.36	34.50	48.33	35.17	35.10	.2
Sweden	-	35.00	-	35.00	39.64	-11.7
Turkey	-	-	-	39.30	39.90	-1.5
United Kingdom	42.53	32.66	34.91	42.75	34.77	22.9
West Germany	39.22	32.29	37.54	35.27	35.68	-1.2
Yugoslavia	-	-	-	-	35.00	-
Other ²	40.91	-	-	39.99	42.88	-6.7
Asia Total	38.54	37.42	40.76	37.96	37.19	2.1
China (Taiwan)	38.32	36.59	37.86	37.33	35.69	4.6
Israel	-	41.73	-	39.02	38.84	.5
Japan	38.37	37.23	47.92	38.23	39.12	-2.3
Korea, Republic of	39.47	39.92	37.67	39.57	37.88	4.4
Other ²	37.79	37.53	40.14	38.91	37.27	4.4
Oceania & Australia Total	40.00	40.85	34.98	36.39	34.98	4.0
Africa Total	35.93	32.79	29.96	31.42	31.01	1.3
Egypt	-	-	-	35.91	-	-
Other ²	35.93	32.79	29.96	31.41	31.01	1.3
Total	36.06	35.43	37.93	36.22	37.26	-2.8
U.S. Total³	36.41	35.89	37.97	36.85	37.59	-2.0

*Rounded to zero.

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1989.

³Average price of all steam coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Metallurgical Coal Exports, October 1990
(Short Tons)

Continent and Country of Destination	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	311,748	394,909	888,992	3,772,270	5,705,188	-33.9
Canada ¹	311,748	394,909	888,992	3,772,055	5,686,312	-33.7
Other ²	-	-	-	215	18,876	-98.9
South America Total	493,441	697,396	440,498	5,200,547	5,229,711	-.6
Argentina	-	175,405	36,332	501,882	610,759	-17.8
Brazil	493,441	521,991	375,442	4,644,031	4,590,228	1.2
Chile	-	-	28,724	54,634	28,724	90.2
Europe Total	2,609,650	3,119,748	3,194,449	31,015,295	28,816,605	7.6
Albania	34,097	23,553	-	150,550	95,007	58.5
Belgium & Luxembourg	483,854	542,588	680,722	5,211,042	5,041,887	3.4
Bulgaria	-	-	-	48,890	-	-
Denmark	-	-	-	55,572	128,336	-56.7
Finland	-	-	-	95,259	102,123	-6.7
France	228,275	313,123	404,073	4,090,917	3,896,204	5.0
Ireland	-	-	-	-	169,224	-
Italy	614,525	463,554	437,340	5,949,613	5,736,664	3.7
Netherlands	262,584	398,595	274,176	3,255,964	2,568,632	26.8
Norway	19,454	9,943	4,147	97,783	75,093	30.2
Portugal	-	-	81,726	257,646	352,799	-27.0
Romania	62,755	206,716	193,475	1,584,446	1,035,985	52.9
Spain	248,275	162,038	189,303	2,804,776	2,554,675	9.8
Sweden	259,983	83,295	150,056	760,661	446,601	70.3
Turkey	-	290,534	66,614	1,816,924	1,246,416	45.8
United Kingdom	350,672	440,305	400,701	3,500,450	3,538,263	-1.1
West Germany	8,569	108,739	-	599,034	438,131	36.7
Yugoslavia	36,607	76,765	306,837	712,964	1,372,234	-48.0
Other ²	-	-	5,279	22,804	18,331	24.4
Asia Total	1,055,989	1,244,628	1,190,516	11,868,892	13,389,861	-11.4
China (Taiwan)	72,166	-	-	393,536	520,950	-24.5
Israel	-	54,788	-	54,788	148,817	-63.2
Japan	935,330	806,997	1,002,840	8,980,115	9,982,695	-10.0
Korea, Republic of	48,493	360,106	187,676	2,417,716	2,676,948	-9.1
Pakistan	-	-	-	-	-	-

Table 9. Average Price of Metallurgical Coal Exports, October 1990
(Dollars per Short Ton)

Continent and Country of Destination	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	\$37.28	\$38.28	\$46.16	\$37.61	\$46.04	-18.3
Canada ¹	37.28	38.28	46.16	37.61	46.07	-18.4
Other ²	-	-	-	49.93	36.38	37.3
South America Total	47.26	48.01	46.38	46.70	45.46	2.7
Argentina	-	47.86	44.60	45.54	44.59	2.1
Brazil	47.26	48.06	46.36	46.81	45.56	2.8
Chile	-	-	48.84	48.84	48.84	*
Europe Total	47.70	47.01	45.68	47.11	45.08	4.5
Albania	-	-	-	48.38	43.68	10.8
Belgium & Luxembourg	46.37	48.91	44.55	47.82	44.86	6.6
Bulgaria	-	-	-	49.44	-	-
Denmark	-	-	-	-	34.97	-
Finland	-	-	-	44.72	42.41	5.4
France	47.92	42.94	45.13	44.90	44.05	1.9
Ireland	-	-	-	-	36.20	-
Italy	48.30	46.57	48.28	47.56	46.10	3.2
Netherlands	47.28	46.63	45.12	46.94	44.36	5.8
Portugal	-	-	42.64	45.79	43.30	5.7
Romania	-	45.75	42.35	47.74	45.22	5.6
Spain	-	49.75	47.90	48.06	46.52	3.3
Sweden	48.22	49.41	46.49	48.66	46.79	4.0
Turkey	-	45.78	43.09	45.90	43.29	6.0
United Kingdom	48.88	47.51	47.01	48.32	46.16	4.7
West Germany	37.52	49.41	-	44.88	45.78	-2.0
Yugoslavia	44.32	48.26	45.69	45.87	44.28	3.6
Asia Total	46.89	47.08	44.18	46.12	44.17	4.4
China (Taiwan)	48.77	-	-	47.48	45.25	4.9
Israel	-	43.64	-	43.64	39.92	9.3
Japan	46.69	46.50	43.67	45.58	43.66	4.4
Korea, Republic of	48.07	48.90	46.90	47.95	46.07	4.1
Africa Total	-	47.42	45.31	46.16	45.58	1.3
Algeria	-	48.22	47.24	46.91	46.02	1.9
Egypt	-	46.45	-	45.82	45.63	.4
Other ²	-	-	33.11	-	33.11	-
Total	46.65	46.54	45.49	46.10	45.00	2.5
U.S. Total³	47.06	46.70	45.50	46.37	45.09	2.8

*Rounded to zero.

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1989.

³Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 10. Coal Exports by Customs District, October 1990
(Short Tons)

Customs District	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
Eastern Total	5,542,992	6,191,103	5,200,578	54,878,686	50,220,217	9.3
Boston, MA	-	54,033	-	54,033	-	-
Baltimore, MD	739,170	764,018	622,440	6,948,261	7,491,517	-7.3
Portland, ME	-	-	-	782	159	391.8
Buffalo, NY	241,638	86,214	9,495	374,963	41,103	NM
New York City, NY	751	252	129	6,304	1,703	270.2
Ogdensburg, NY	567	27,558	712	39,377	8,551	360.5
Philadelphia, PA	313,222	371,483	359,278	2,774,785	2,091,893	32.6
Norfolk, VA	4,247,644	4,887,545	4,208,524	44,680,181	40,585,291	10.1
Southern Total	1,360,505	2,126,737	1,890,670	18,570,146	16,872,350	10.1
Mobile, AL	419,119	478,578	674,157	6,375,731	7,141,820	-10.7
Savannah, GA	-	-	-	-	725	-
Miami, FL	-	233	-	935	1,957	-52.2
Tampa, FL	-	-	-	18,099	-	-
New Orleans, LA	824,804	1,486,628	1,001,743	10,910,544	8,953,177	21.9
Wilmington, NC	-	-	-	-	70,417	-
Charleston, SC	82,209	105,469	207,353	955,338	624,644	52.9
Houston-Galveston, TX	377	17,802	498	116,092	33,051	251.3
Laredo, TX	33,996	38,027	6,919	193,407	46,559	315.4
Western Total	310,970	415,456	247,289	2,446,103	2,477,354	-1.3
Anchorage, AK	84,682	76,388	74,006	641,253	517,136	24.0
Nogales, AZ	-	-	-	2,673	-	-
Los Angeles, CA	225,841	306,243	163,382	1,617,684	1,784,043	-9.3
San Diego, CA	114	-	-	3,230	4,344	-25.6
San Francisco, CA	160	-	39	99,496	33,372	198.1
Great Falls, MT	-	-	-	131	98	33.7
Portland, OR	-	-	-	3,989	576	NM
Seattle, WA	173	32,825	9,862	77,647	137,785	-43.6
Northern Total	1,540,417	1,503,550	1,954,001	12,451,869	13,588,064	-8.4
Chicago, IL	15,242	15,734	-	47,242	-	-
Detroit, MI	11,389	310,218	7,896	3,385,056	39,086	NM
Duluth, MN	63,450	33,627	68,326	389,579	161,233	141.6
Pembina, ND	-	-	-	87	14,735	-99.4
Cleveland, OH	1,450,336	1,113,678	1,877,779	8,533,520	13,373,010	-36.2
Milwaukee, WI	-	30,293	-	96,385	-	-
Total	8,756,483	10,238,421	9,292,538	88,369,391	83,157,985	6.3

NM Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coke Exports, October 1990
(Short Tons)

Continent and Country of Destination	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	19,009	50,469	210,266	338,042	631,447	-46.5
Canada ¹	10,889	44,855	197,240	250,930	501,714	-50.0
Mexico	8,120	5,594	13,005	86,084	128,873	-33.2
Other ²	-	20	21	1,028	860	19.5
South America Total	-	10,427	-	56,758	76,013	-25.3
Venezuela	-	10,427	-	44,782	53,701	-16.6
Other ²	-	-	-	11,976	22,312	-46.3
Europe Total	-	5,830	4,438	39,495	76,828	-48.6
Asia Total	-	31	-	31	95,968	-100.0
Japan	-	31	-	31	71,756	-100.0
Other ²	-	-	-	-	24,212	-
Total	19,009	66,757	214,704	434,326	880,256	-50.7

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coal Imports, October 1990
(Short Tons)

Continent and Country of Origin	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	103,197	74,724	52,379	807,767	883,321	-8.6
Canada	103,197	74,724	48,410	801,563	831,927	-3.6
Mexico	-	-	3,969	6,204	51,394	-87.9
South America Total	180,991	95,722	107,569	1,370,402	1,360,637	.7
Colombia	131,377	95,722	79,705	1,136,419	1,105,036	2.8
Venezuela	49,614	-	27,864	233,983	255,601	-8.5
Europe Total	-	130	-	5,391	11,529	-53.2
Denmark	-	130	-	130	-	-
Netherlands	-	-	-	-	11,198	-
.....	-	-	-	46	-	-
.....	-	-	-	5,215	-	-
.....	-	-	-	-	331	-
.....	2	-	41	2	47,786	-100.0
.....	-	-	-	-	47,694	-
.....	-	-	41	-	41	-
.....	2	-	-	2	-	-
.....	-	-	-	-	51	-
Total	-	23,794	-	23,794	-	-
.....	-	23,794	-	23,794	-	-
.....	284,190	194,370	159,989	2,207,356	2,303,273	-4.2

not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 13. Average Price of Coal Imports, October 1990
(Dollars per Short Ton)

Continent and Country of Origin	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	\$26.51	\$23.26	\$26.10	\$24.75	\$26.49	-6.6
Canada	26.51	23.26	25.23	24.62	26.20	-6.0
Mexico	-	-	36.24	38.36	30.62	25.3
South America Total	37.08	36.73	35.94	37.75	34.88	8.2
Colombia	35.87	36.73	36.93	37.13	35.25	5.3
Venezuela	40.27	-	33.11	40.76	33.30	22.4
Europe Total	-	36.35	-	37.17	44.34	-16.2
Denmark	-	36.35	-	36.35	-	-
Netherlands	-	-	-	-	44.34	-
United Kingdom	-	-	-	37.19	-	-
Oceania & Australia Total	-	41.73	-	41.73	-	-
Australia	-	41.73	-	41.73	-	-
Total	33.47	32.20	32.80	33.66	31.89	5.5
U.S. Total¹	41.32	32.31	33.20	34.74	34.29	1.3

¹Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 14. Coal Imports by Customs District, October 1990
(Short Tons)

Customs District	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
Eastern Total	-	130	61	249,820	399,675	-37.5
Boston, MA	-	130	-	99,853	-	-
Baltimore, MD	-	-	-	-	258,605	-
Portland, ME	-	-	-	115,011	-	-
Buffalo, NY	-	-	-	69	26,849	-99.7
New York City, NY	-	-	41	-	41	-
Ogdensburg, NY	-	-	20	45	158	-71.5
Philadelphia, PA	-	-	-	34,842	114,022	-69.4
Southern Total	180,991	95,722	111,538	1,165,916	1,085,697	7.4
Tampa, FL	131,377	95,722	46,746	873,688	695,340	25.6
New Orleans, LA	-	-	-	-	28,660	-

Table 15. Coke Imports, October 1990
(Short Tons)

Continent and Country of Origin	October 1990	September 1990	October 1989	Year to Date		Percent Change
				1990	1989	
North America Total	41,672	15,185	10,597	164,095	209,862	-21.8
Canada	41,672	15,185	2,646	142,308	201,434	-29.4
Mexico	-	-	7,951	21,787	8,428	158.5
Europe Total	-	-	19,476	39,572	803,261	-95.1
Belgium & Luxembourg	-	-	-	-	98,283	-
France	-	-	-	-	36,872	-
Italy	-	-	-	39,572	-	-
Netherlands	-	-	-	-	17,244	-
Poland	-	-	-	-	103,473	-
United Kingdom	-	-	-	-	56,201	-
West Germany	-	-	19,476	-	443,341	-
Yugoslavia	-	-	-	-	47,847	-
Asia Total	-	43,545	39,450	249,703	754,688	-66.9
China (Peking)	-	-	-	-	67,054	-
Japan	-	43,545	39,450	249,703	687,634	-63.7
Oceania & Australia Total	-	47,533	-	182,008	463,851	-60.8
Australia	-	47,533	-	182,008	463,851	-60.8
Total	41,672	106,263	69,523	635,378	2,231,662	-71.5

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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